

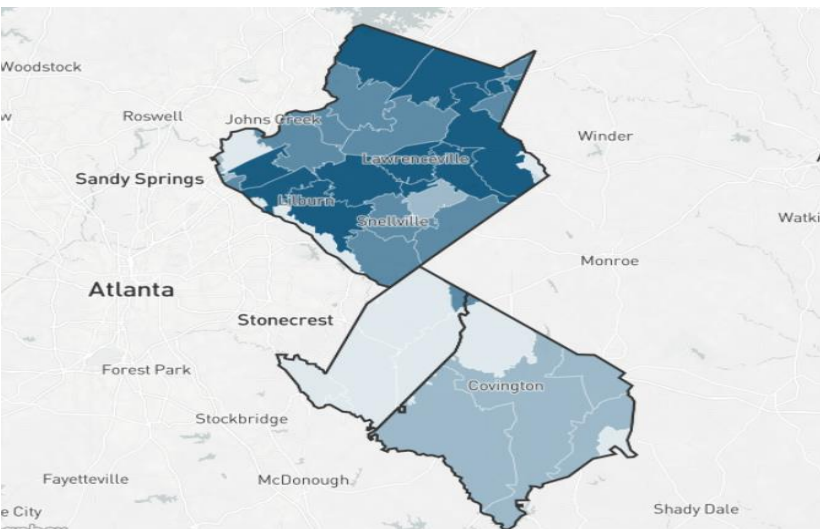
Gwinnett, Newton, & Rockdale County Health Departments



COVID-19 District Overview, data as of 1pm September 23, 2021

The COVID-19 pandemic is an emerging and dynamic situation; therefore, our data and recommendations are subject to change. This report provides a snapshot of COVID-19 illnesses, test positivity rates, vaccinations, and outbreaks, in response to the COVID-19 pandemic. The purpose of this report is to provide situational awareness to our district partners and community members. For more information on the data used in this report, how each variable is defined, and the limitations of this data, please click on this [link](#).

For maps with zip code level case rates check out our COVID-19 Dashboard by clicking on the image below!



Total Positivity	Georgia	Gwinnett	Newton	Rockdale
Total Tests [†]	14,476,690	1,216,801	144,362	113,373
Total Positive [†]	1,507,907 (10.4%)	132,855 (10.9%)	16,510 (11.4%)	11,718 (10.3%)
Seven Day ^{***}	27,775 (12.7%)	2,068 (9.7%)	316 (13.5%)	257 (13.6%)

COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases [†]	Total Deaths [†] (%)
Gwinnett	104,033	19,981	124,014	1,319 (1.1%)
Newton	10,450	4,861	15,311	306 (2.0%)
Rockdale	8,409	2,296	10,705	207 (1.9%)
Total	122,892	27,138	150,030	1,832 (1.2%)
Illness Characteristics* [†] N=150,030 n=1,832				
	Among all Cases		Among Deaths	
Gender				
Female	80,438 (53.6%)		859 (46.9%)	
Male	68,968 (46.0%)		973 (53.1%)	
Median Age (years)	37		73	
Age range (years)	0 – 107		14 – 102	
Total Hospitalizations	8,214 (5.5%)		1,359 (74.2%)	
Total with Underlying Conditions	20,065 (48.9%)**		1,049 (95.9%)**	
Underlying Conditions unknown	109,026		738	

Total Cases & Deaths by Race* [†] N = 150,030; Total Deaths n=1,832									
	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	8,128	5.42%	134	7.31%	White	52,394	34.92%	1,022	55.79%
Hispanic/Latino	98	0.07%	<5	0.05%	Hispanic/Latino	12,484	8.32%	133	7.26%
Non-Hispanic/ Latino	6,287	4.19%	133	7.26%	Non-Hispanic/ Latino	35,525	23.68%	885	48.31%
Not Specified	1,743	1.16%	0	0%	Not Specified	4,385	2.92%	<5	0.22%
Black	38,015	25.34%	528	28.82%	Other	19,121	12.74%	140	7.64%
Hispanic/Latino	883	0.59%	<5	0.22%	Hispanic/Latino	7,033	4.69%	129	7.04%
Non-Hispanic/ Latino	33,388	22.25%	523	28.55%	Non-Hispanic/ Latino	2,085	1.39%	11	0.60%
Not Specified	3,744	2.50%	<5	0.05%	Not Specified	10,003	6.67%	0	0%
Native Hawaiian/Pacific Islander	193	0.13%	<5	0.16%	Unknown	31,915	21.27%	<5	0.16%
Hispanic/Latino	53	0.04%	<5	0.05%	Hispanic/Latino	5,814	3.88%	<5	0.16%
Non-Hispanic/ Latino	111	0.07%	<5	0.11%	Non-Hispanic/ Latino	2,042	1.36%	0	0%
Not Specified	29	0.02%	0	0%	Not Specified	24,059	16.04%	0	0%
American Indian/Alaskan Native	264	0.18%	<5	0.16%	*Data Source: GA DPH, State Electronic Disease Surveillance System **Among patients with underlying conditions information available ***7-day positivity data represents the percentage of positive PCR test results in the district, by county, for the previous 7-day period. 9/16/2021 – 9/22/2021. [†] Represents total confirmed and presumptive cases Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing.				
Hispanic/Latino	89	0.06%	0	0%					
Non-Hispanic/ Latino	113	0.08%	<5	0.11%					
Not Specified	62	0.04%	0	0%					

Due to the increasing availability of antigen testing, effective 9/1/2020, we will begin reporting antigen positives in addition to PCR positive patients. Patients testing positive with an antigen test are considered presumptive cases and warrant Public Health investigation and control measures, but are not included in confirmed case counts. The remainder of data reported in this report will include total cases which encompasses confirmed and presumptive.

Gwinnett, Newton, & Rockdale County Health Departments

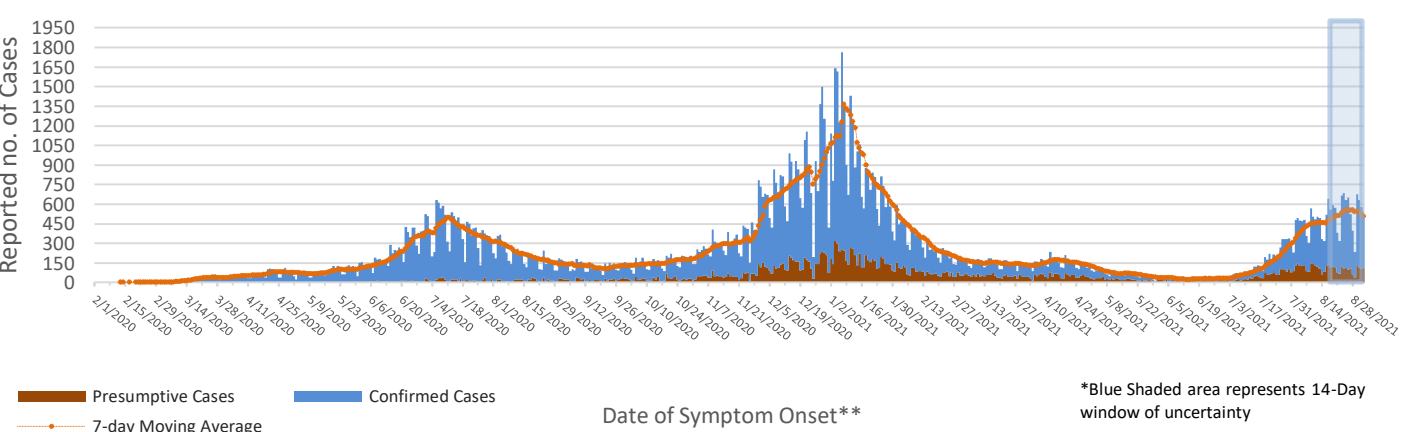


COVID-19 District Overview, data as of 1pm September 23, 2021

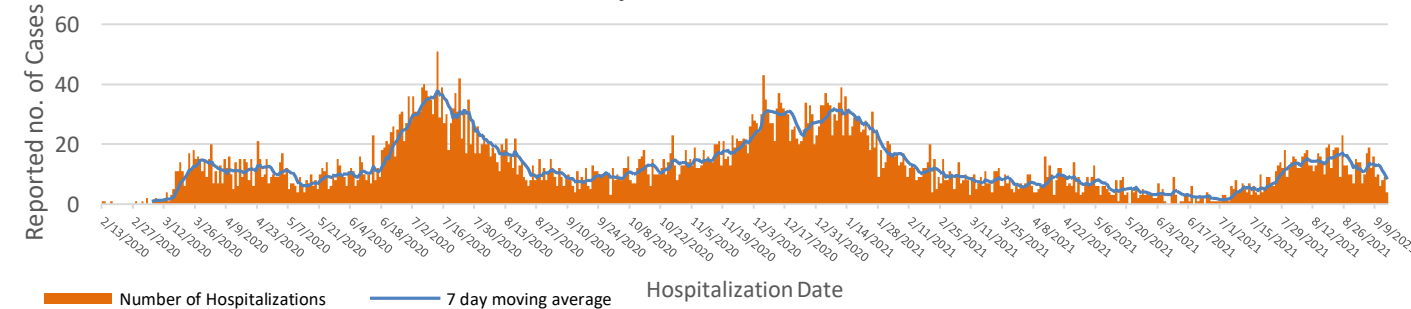
Gwinnett, Newton, and Rockdale County Health Department's Epidemiology Program is responsible for investigating every case of COVID-19 with laboratory evidence of recent infection. The data displayed here represents the Epidemiology Program's activities and provides a portrayal of the current situation in the district.

Per Gwinnett, Newton, and Rockdale County Health Departments reporting policy only COVID-19 cases with laboratory evidence of recent infection that reside within the three counties that make up the district are displayed here. According to the Centers for Disease Control and Prevention the case definition of COVID-19 case with laboratory evidence of recent infection does not include serology (i.e. antibody tests). These tests are reportable, but because they are not included in the case definition for a COVID-19 case with laboratory evidence of recent infection, are not displayed here.

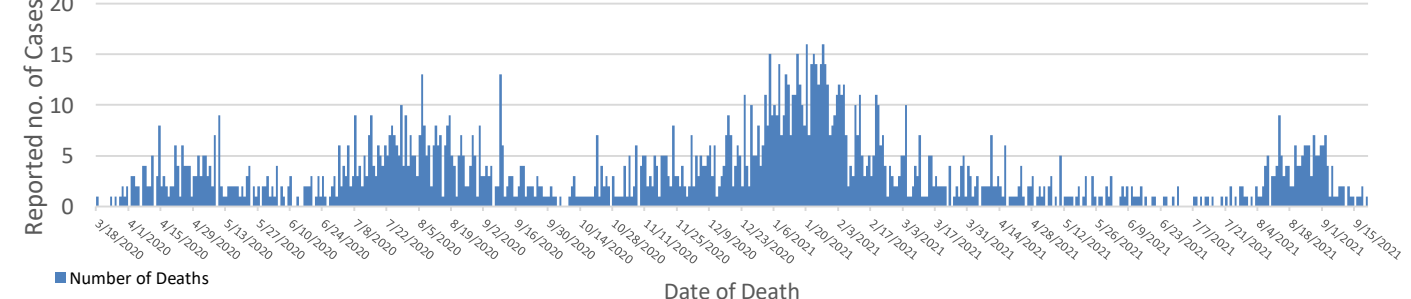
Reported COVID-19 cases in residents of Gwinnett, Newton, and Rockdale Counties, as of 9/23/2021[†]



Reported Hospitalizations of COVID-19 cases in residents of Gwinnett, Newton, and Rockdale Counties, by Date of Occurrence[†]



Reported Deaths among COVID-19 cases in residents of Gwinnett, Newton, and Rockdale Counties, by Date of Occurrence[†]



*14-day window of uncertainty – Cases over the last 14 days may not be accounted for due to illnesses yet to be reported or test result that may still be pending.
**For individuals missing symptom onset date, date of first positive specimen collection was used, if both symptom onset and date of first specimen collection are both missing date reported to Public Health Was used
[†] Represents total confirmed and presumptive cases
Source for data provided above: GA DPH, State Electronic Disease Surveillance System; Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing

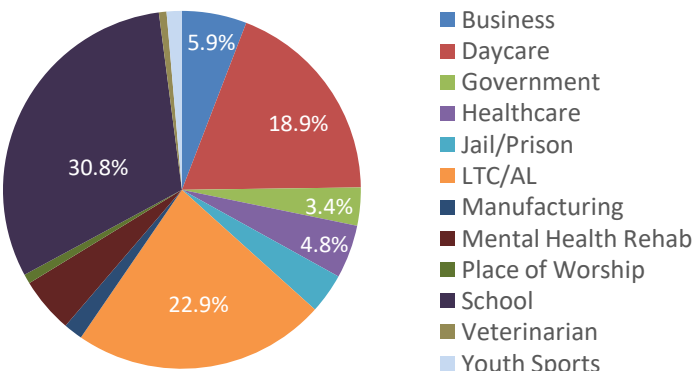
Epidemiology Overview of Outbreaks



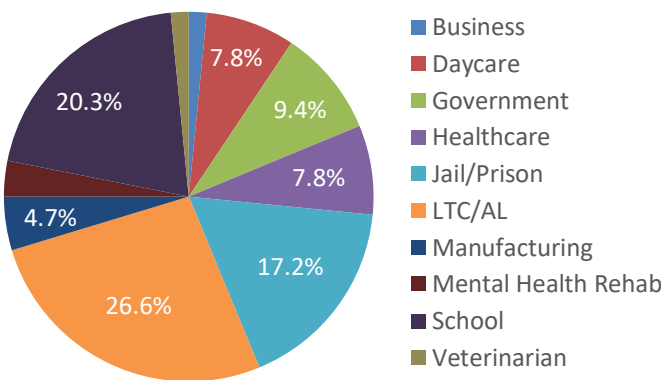
COVID-19 Snapshot, data as 1pm September 23, 2021

All three counties within the districts are experiencing outbreaks of COVID-19. The information below is intended to provide information on where outbreaks are occurring within the district by county. Totals represent data collected since March 19, 2020.

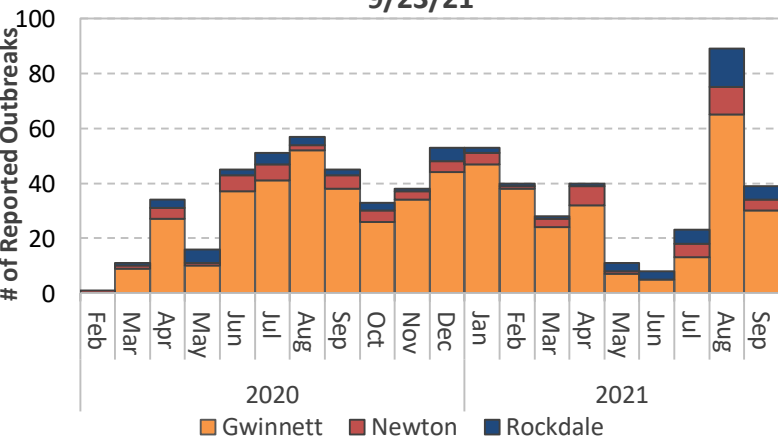
Number of Outbreaks by Facility Type for Gwinnett County



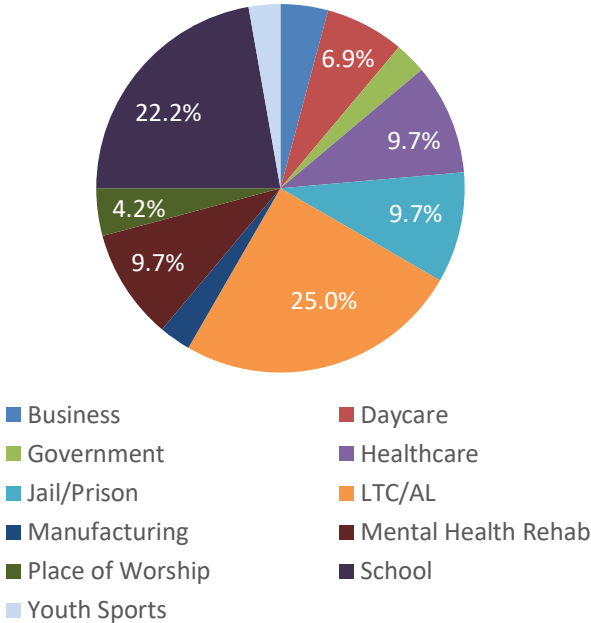
Number of Outbreaks by Facility Type for Rockdale County



Number of Outbreaks by County Over Time, 9/23/21



Number of Outbreaks by Facility type for Newton County

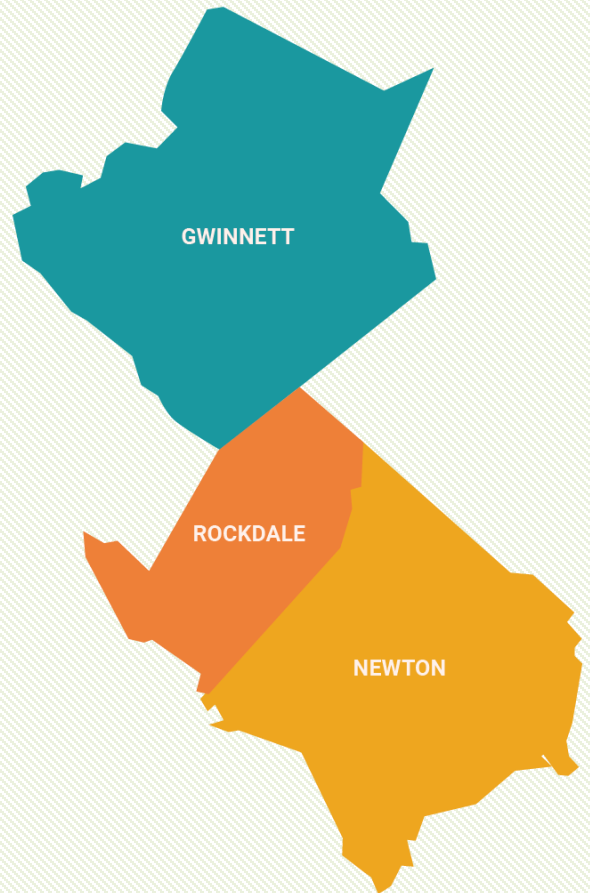


Number of Outbreaks by Facility Type N=717			
Facility Type	Gwinnett n=581	Newton n=72	Rockdale n=64
Business	5.85%	4.17%	1.56%
Daycare	18.93%	6.94%	7.81%
Government	3.44%	2.78%	9.38%
Healthcare	4.82%	9.72%	7.81%
Jail/Prison	3.61%	9.72%	17.19%
LTC/AL	22.89%	25.00%	26.56%
Manufacturing	1.72%	2.78%	4.69%
Mental Health Rehab	4.99%	9.72%	3.13%
Place of Worship	0.86%	4.17%	0.00%
Schools	30.81%	22.22%	20.31%
Veterinarian	0.69%	0.00%	1.56%
Youth Sports	1.38%	2.78%	0.00%

Source for data provided above: GA DPH, State Electronic Disease Surveillance System; Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing; † Represents total confirmed and presumptive cases

Epidemiology Overview of COVID-19 Vaccinations Among District Residents

**Data as of 1pm September 23,
2021**



Epidemiology Overview of COVID-19 Vaccinations

% of Gwinnett residents with at least one dose compared with % of Gwinnett population

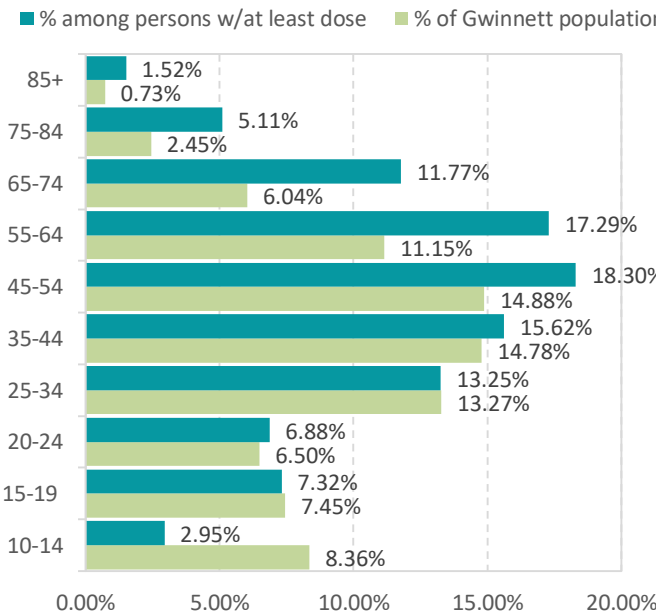
Data as of 1pm September 23, 2021



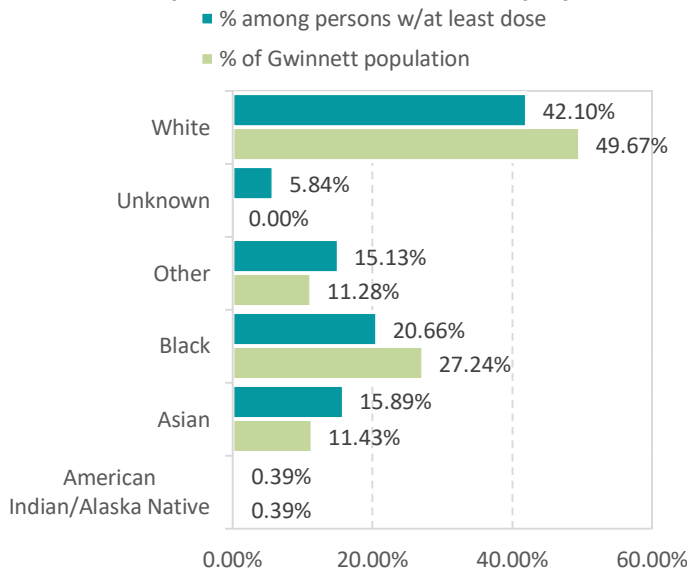
The data on this page compares the demographic characteristics among Gwinnett residents who have received at least one vaccine dose to the demographic characteristics of the Gwinnett population. The light green bar represents the % of individuals identifying as that group living in Gwinnett. The blue bar represents the % of Gwinnett residents who have received at least one vaccine dose by group, out of all residents who have received at least one dose. For example, if there are 100 Gwinnett residents who have received at least 1 dose and 20 of the residents identify as black, the percentage represented by the blue bar below would be 20%. For the green bar, if there are 100 residents in Gwinnett and 30 of them identify as black the percentage displayed by the green bar will be 30%. Data presented here differs from last week in order to be more consistent with DPH and CDC.

522,998 (57.2%) Residents have received at least one dose.
469,043 (51.3%) Residents are fully vaccinated.

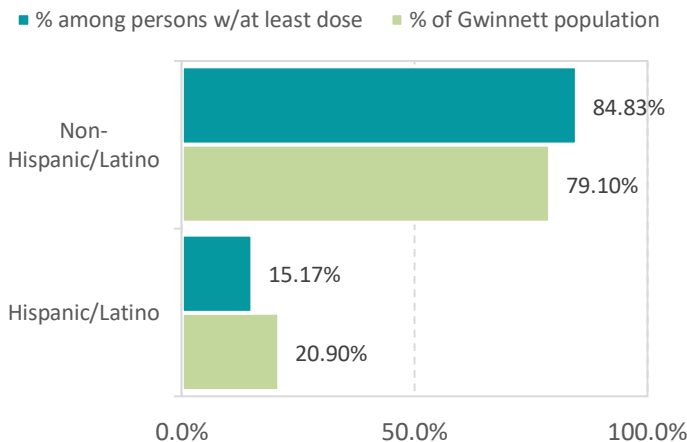
% of Gwinnett residents with at least 1 dose compared with % of Gwinnett Pop by age group



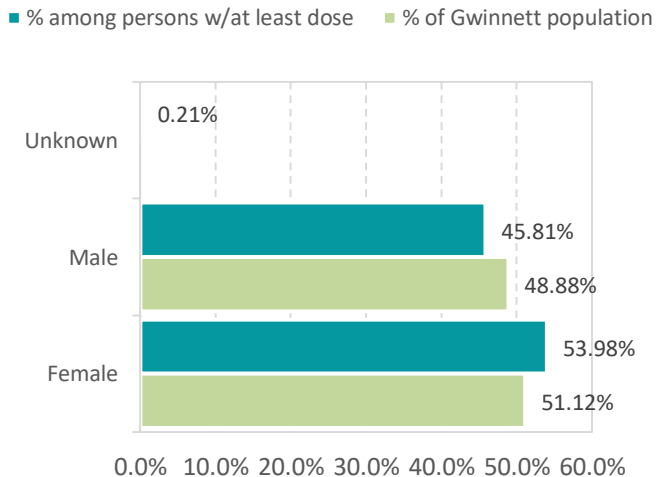
% of Gwinnett residents with at least 1 dose compared with % of Gwinnett Pop by race



% of Gwinnett residents with at least 1 dose compared with % of Gwinnett Pop by ethnicity



% of Gwinnett residents with at least 1 dose compared with % of Gwinnett Pop by sex

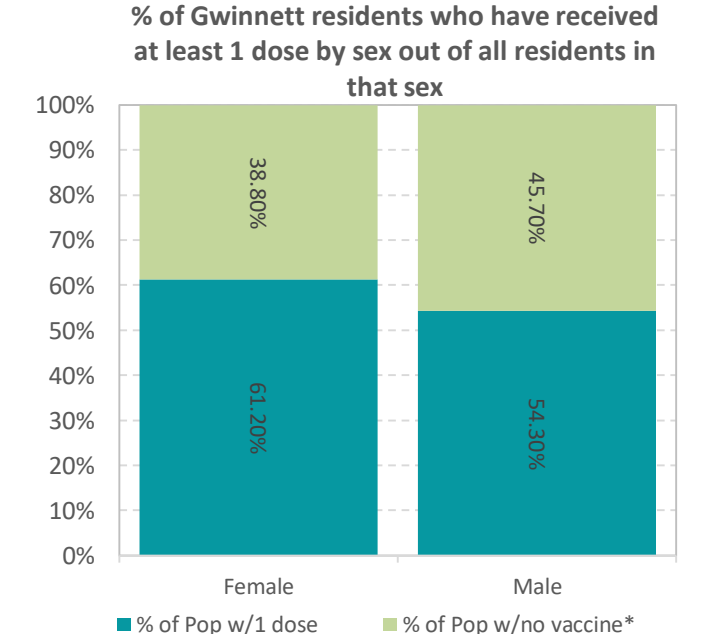
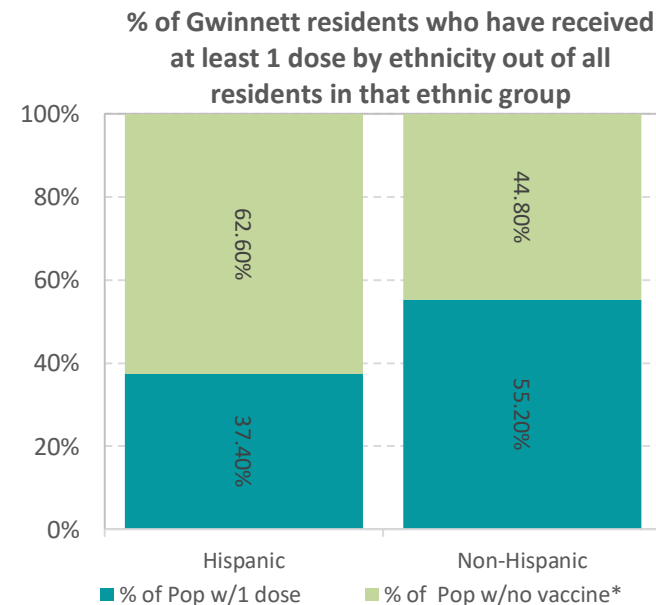
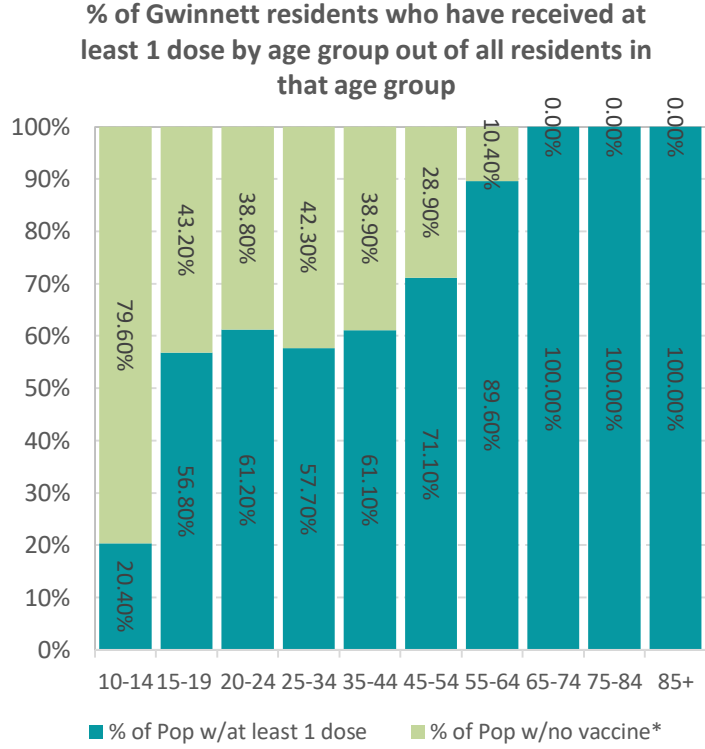
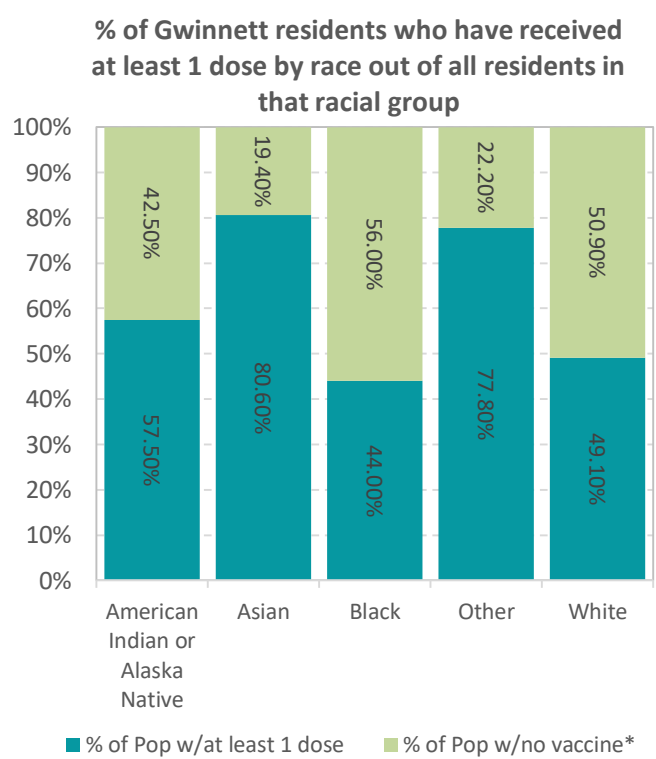


Epidemiology Overview for COVID-19 Vaccinations



Gwinnett Residents, data as of 1pm September 23, 2021

The data on this page represents the percentage of Gwinnett residents who have received at least one COVID-19 vaccine dose among all resident in each demographic group. For example, if there are 100 residents in Gwinnett that identify as black, and 20 of them have received at least one dose, the percentage displayed on the graph by the blue bar below would be 20%, and those with no vaccine in the black race group would be 80%. Totals calculated here differ from those displayed last week. The changes were made to be more consistent with how DPH and CDC present the data.



*All data presented here is from GRITS, the state registry for immunizations, it is possible that some providers may not report into GRITS even though it is required. Therefore, the % of population with no vaccine may incorporate some individuals who were not reported to the state. Data displayed here is obtained from the Georgia Department of Public Health Vaccine Dashboard

Epidemiology Overview of COVID-19 Vaccinations

% of Newton residents with at least one dose compared with % of Newton population

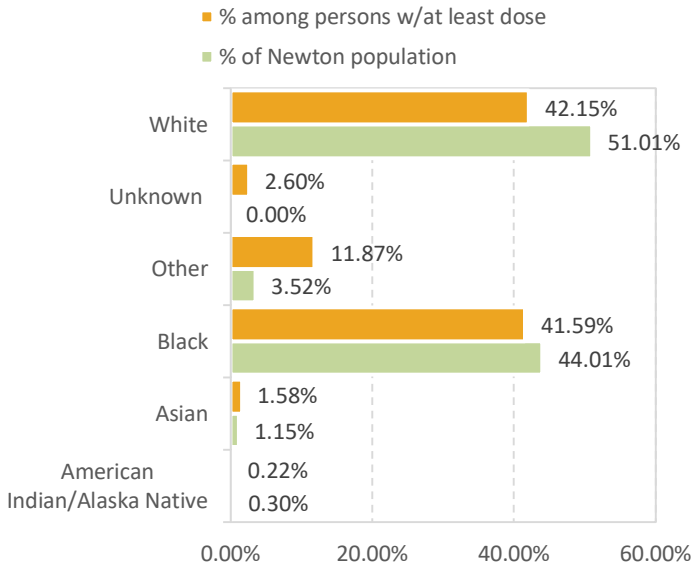
Data as of 1pm September 23, 2021



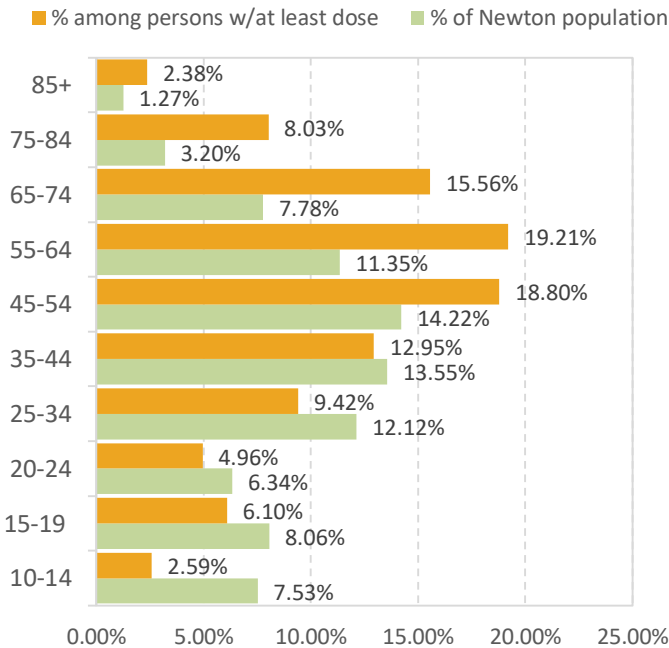
The data on this page compares the demographic characteristics among Newton residents who have received at least one vaccine dose to the demographic characteristics of the Newton population. The light green bar represents the % of individuals identifying as that group living in Newton. The yellow bar represents the % of Newton residents who have received at least one vaccine dose by group, out of all residents who have received at least one dose. For example, if there are 100 Newton residents who have received at least 1 dose and 20 of the residents identify as black, the percentage represented by the yellow bar below would be 20%. For the green bar, if there are 100 residents in Newton 30 and of them identify as black the percentage displayed by the green bar will be 30%. Data presented here differs from last week in order to be more consistent with DPH and CDC.

47,966 (44.4%) Residents have received at least one dose.
41,837 (38.7%) Residents are fully vaccinated.

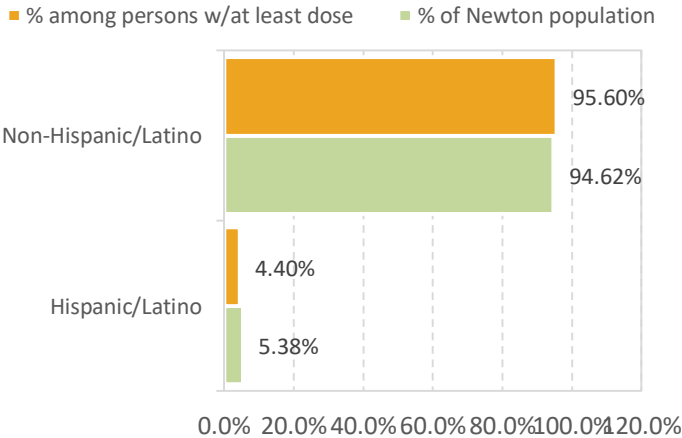
% Newton residents with at least 1 dose compared with % of Newton Pop by race



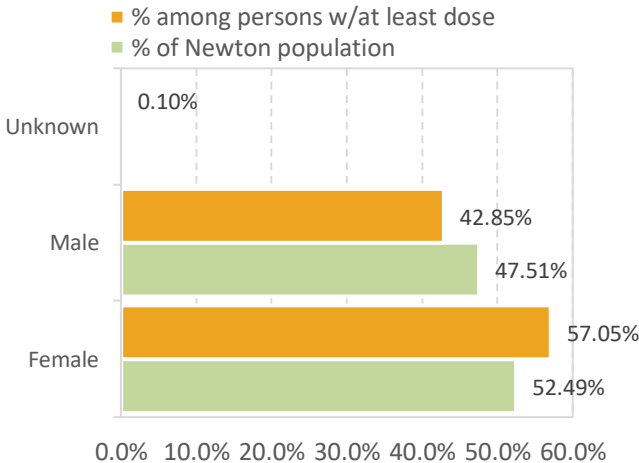
% Newton residents with at least 1 dose compared with % of Newton Pop by age group



% of Newton residents with at least 1 dose compared with % of Newton Pop by ethnicity



% of Newton resident with at least 1 dose compared with % of Newton Pop by sex

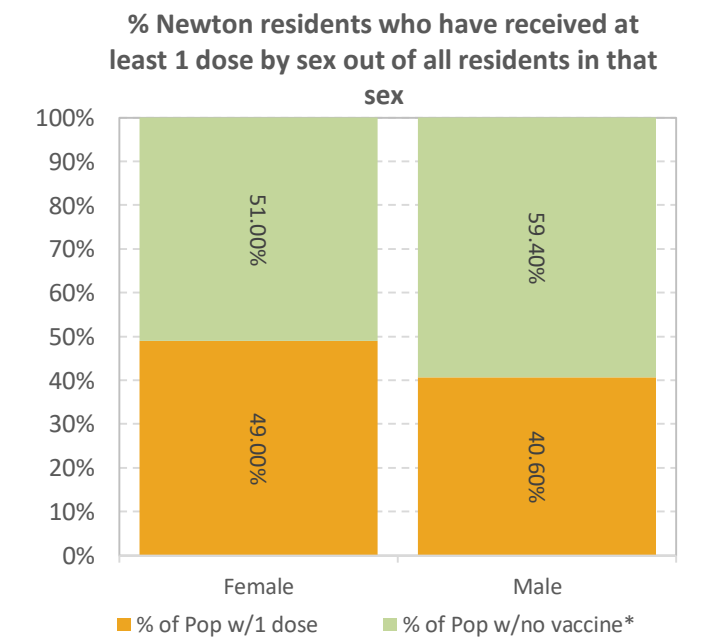
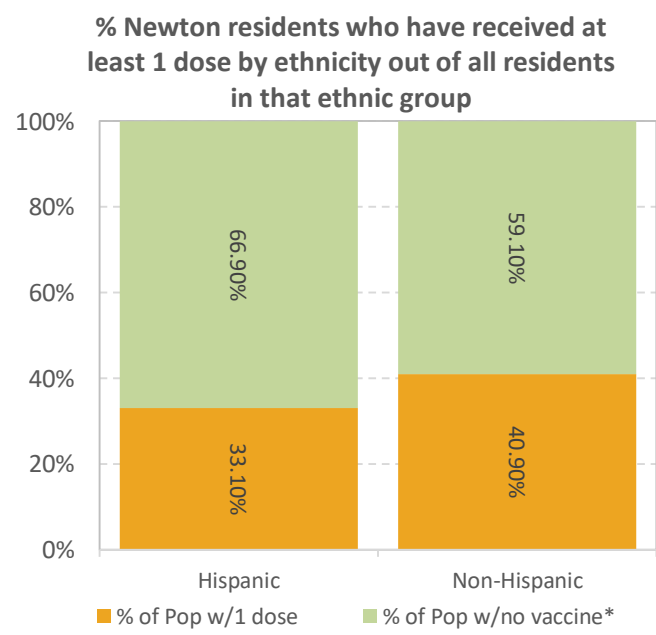
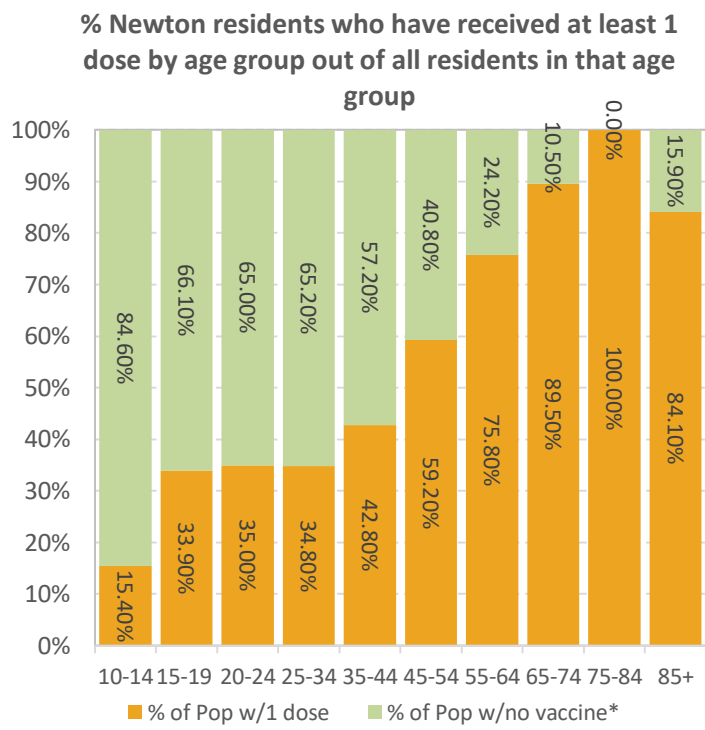
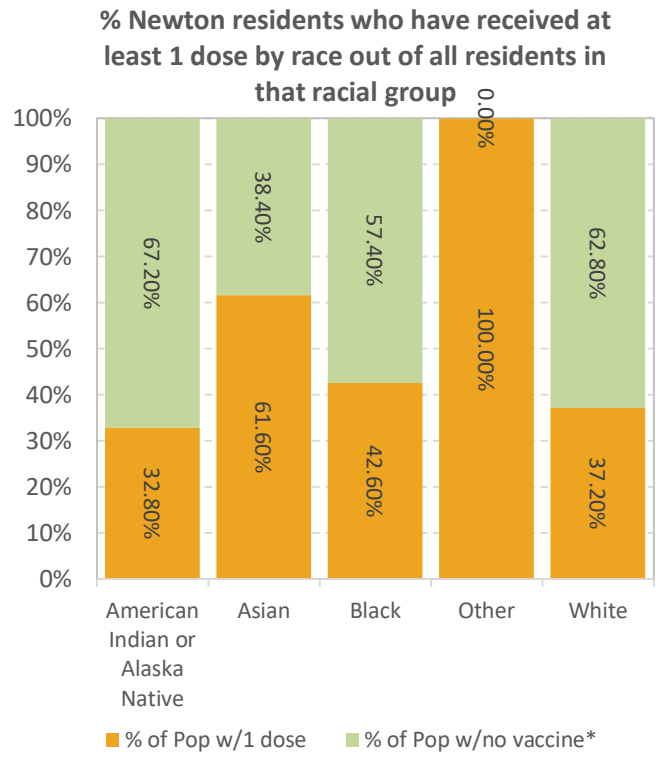


Epidemiology Overview for COVID-19 Vaccinations



Newton Residents, data as of 1pm September 23, 2021

The data on this page represents the percentage of Newton residents who have received at least one COVID-19 vaccine dose among all resident in each demographic group. For example, if there are 100 residents in Newton that identify as black, and 20 of them have received at least one dose, the percentage displayed on the graph by the yellow bar below would be 20%, and those with no vaccine in the black race group would be 80%. Totals calculated here differ from those displayed last week. The changes were made to be more consistent with how DPH and CDC present the data.



*All data presented here is from GRITS, the state registry for immunizations, it is possible that some providers may not report into GRITS even though it is required. Therefore, the % of population with no vaccine may incorporate some individuals who were not reported to the state. Data displayed here is obtained from the Georgia Department of Public Health Vaccine Dashboard

Epidemiology Overview of COVID-19 Vaccinations

% of Rockdale residents with at least one dose compared with % of Rockdale population

Data as of 1pm September 23, 2021

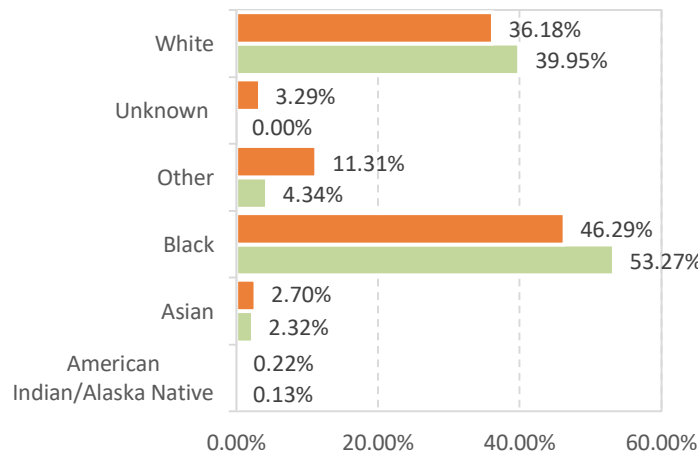


The data on this page compares the demographic characteristics among Rockdale residents who have received at least one vaccine dose to the demographic characteristics of the Rockdale population. The light green bar represents the % of individuals identifying as that group living in Newton. The orange bar represents the % of Rockdale residents who have received at least one vaccine dose by group, out of all residents who have received at least one dose. For example, if there are 100 Rockdale residents who have received at least 1 dose and 20 of the residents identify as black, the percentage represented by the orange bar below would be 20%. For the green bar, if there are 100 residents in Rockdale 30 and of them identify as black the percentage displayed by the green bar will be 30%. Data presented here differs from last week in order to be more consistent with DPH and CDC.

46,772 (52.1%) Residents have received at least one dose.
41,222 (45.9%) Residents are fully vaccinated.

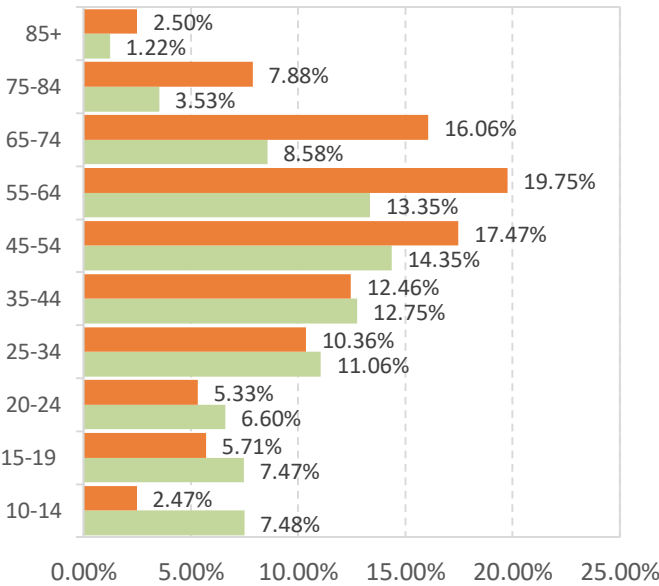
% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by race

■ % among persons w/at least dose
■ % of Rockdale population by Race



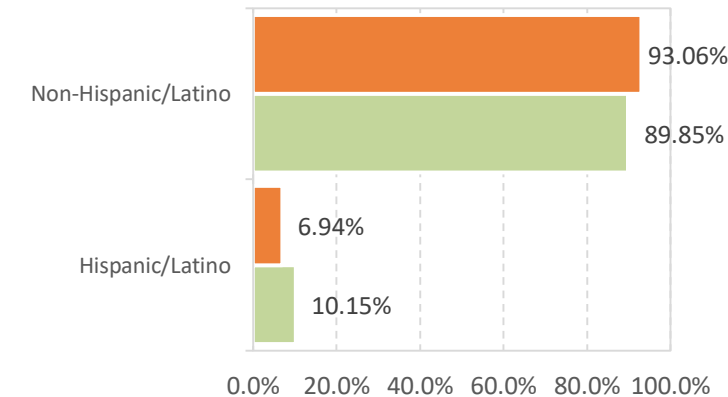
% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by age group

■ % among persons w/at least dose
■ % of Rockdale population



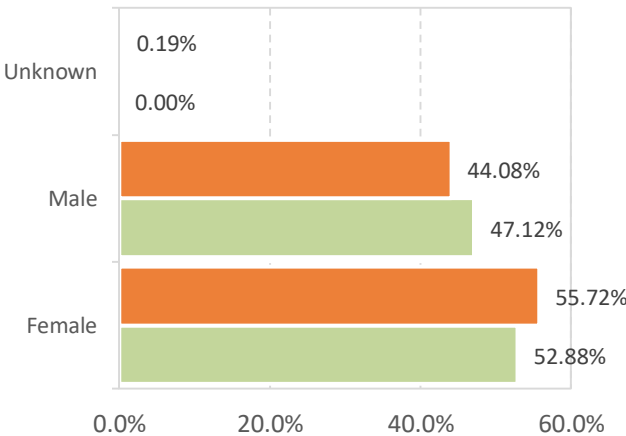
% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by ethnicity

■ % among persons w/at least dose
■ % of Rockdale population



% of Rockdale residents with at least 1 dose compared with % of Rockdale Pop by sex

■ % among persons w/at least dose
■ % of Rockdale population

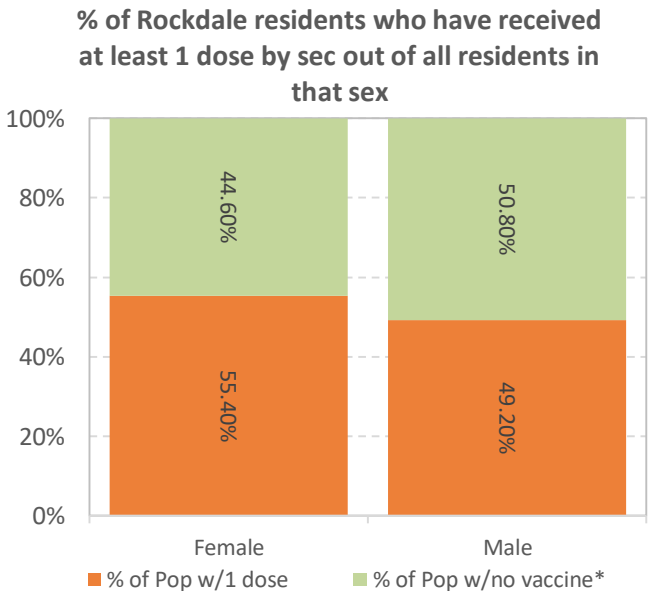
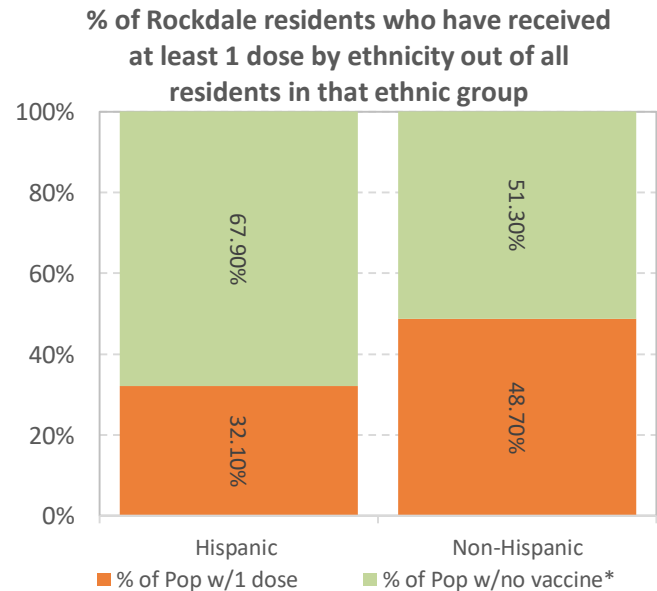
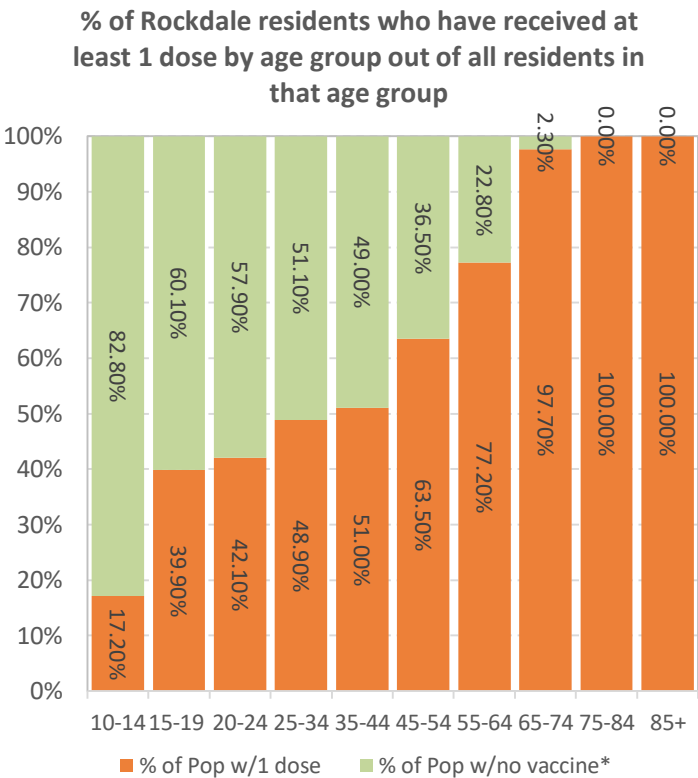
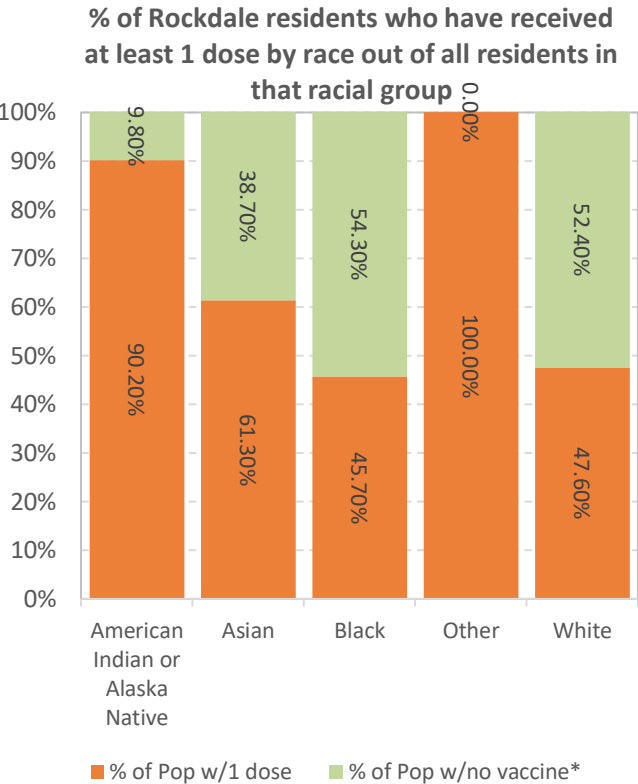


Epidemiology Overview for COVID-19 Vaccinations



Rockdale Residents, data as of 1pm September 23, 2021

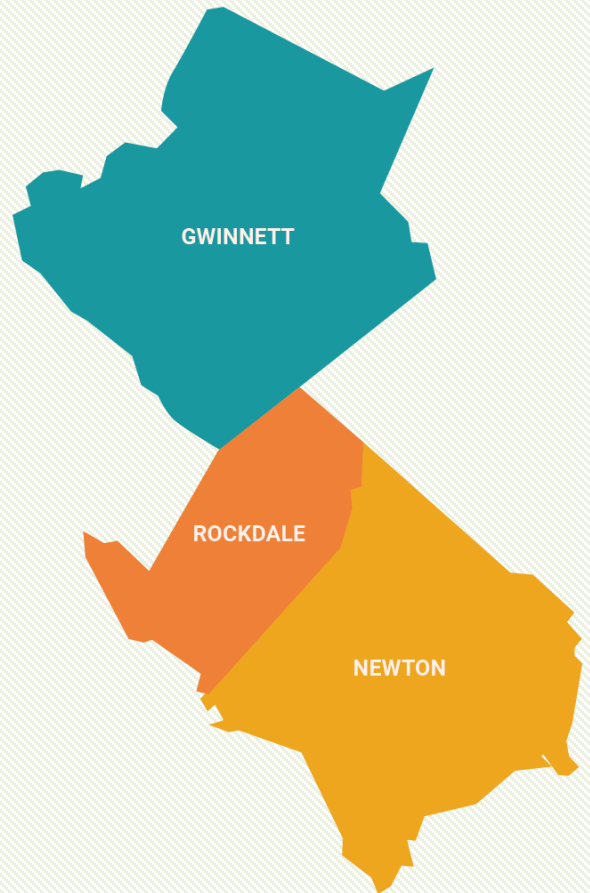
The data on this page represents the percentage of Rockdale residents who have received at least one COVID-19 vaccine dose among all resident in each demographic group. For example, if there are 100 residents in Rockdale that identify as black, and 20 of them have received at least one dose, the percentage displayed on the graph by the orange below would be 20%, and those with no vaccine in the black race group would be 80%. Totals calculated here differ from those displayed last week. The changes were made to be more consistent with how DPH and CDC present the data.



*All data presented here is from GRITS, the state registry for immunizations, it is possible that some providers may not report into GRITS even though it is required. Therefore, the % of population with no vaccine may incorporate some individuals who were not reported to the state. Data displayed here is obtained from the Georgia Department of Public Health Vaccine Dashboard

Epidemiology Overview of COVID-19 Cases in the District by County of Residence

*Data as of 1pm September
23, 2021*



Epidemiology Overview of Gwinnett County

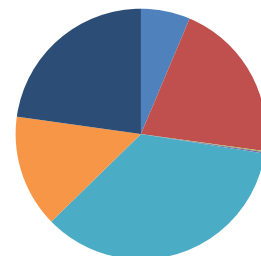
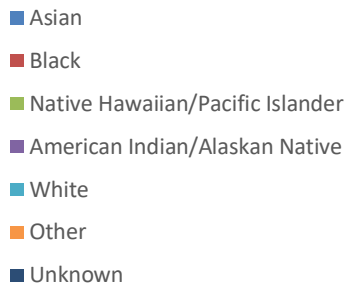


COVID-19 County Overview, data as of 1pm September 16, 2021

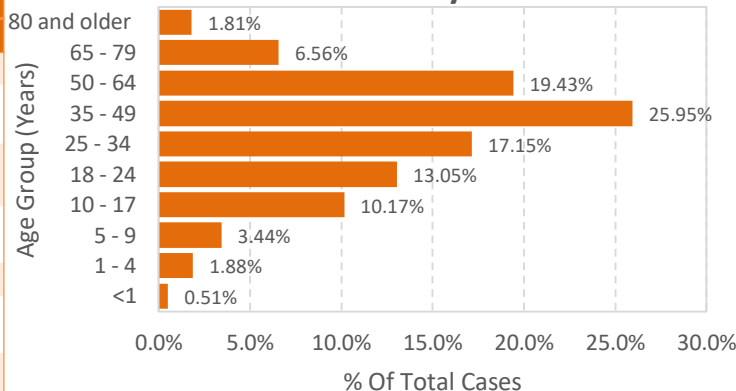
Provided here is a detailed look at the activities of the Epidemiology Program in Gwinnett County, one of three counties represented in district 3-4. Gwinnett county's population is 936,250 and makes up 82.2% of residents within the district.

In Gwinnett County there has been a 2.4% increase in newly confirmed COVID-19 Cases between the week of 9/9/2021 – 9/16/2021 (N=121,107) and 9/16/2021 – 9/23/2021 (N=124,014).

Race Distribution of Cases in Gwinnett County



Age Distribution of Cases in Gwinnett County



COVID-19 Cases & Deaths*			
	Confirmed Cases	Presumptive Cases	Total Cases† Total Deathst (%)
Outbreak	3,504	576	4,080 257 (6.3%)
Total	104,033	19,981	124,014 1,319 (1.1%)
Illness Characteristics*† N=124,014; n=1,319			
	Among all Cases		Among Deaths
Gender			
Female	65,861 (53.1%)		613 (46.5%)
Male	57,630 (46.5%)		706 (53.5%)
Median Age (years)	37		73
Age range (years)	0 – 107		14 – 102
Total Hospitalizations	5,960 (4.8%)		1,013 (76.8%)
Total with Underlying Conditions	15,793 (47.0%)**		724 (95.5%)**
Underlying Conditions unknown	90,390		561

Total Cases & Deaths by Race*† N=124,014; Total Deaths n=1,319

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	7,869	6.35%	129	9.38%	White	43,641	35.19%	735	55.72%
Hispanic/Latino	94	0.08%	<5	0.08%	Hispanic/Latino	11,616	9.37%	121	9.17%
Non-Hispanic/ Latino	6,067	4.89%	128	9.70%	Non-Hispanic/Latino	28,360	22.87%	610	46.25%
Not Specified	1,708	1.38%	0	0%	Not Specified	3,665	2.96%	<5	0.30%
Black	25,827	20.83%	317	24.03%	Other	18,024	14.53%	132	10.01%
Hispanic/Latino	701	0.57%	<5	0.30%	Hispanic/Latino	6,567	5.30%	122	9.25%
Non-Hispanic/Latino	22,452	18.10%	312	23.65%	Non-Hispanic/Latino	1,780	1.44%	10	0.15%
Not Specified	2,674	2.16%	<5	0.08%	Not Specified	9,677	7.80%	0	0%
Native Hawaiian/Pacific Islander	171	0.14%	<5	0.23%	Unknown	28,254	22.78%	<5	0.23%
Hispanic/Latino	51	0.04%	<5	0.08%	Hispanic/Latino	5,444	4.39%	<5	0.23%
Non-Hispanic/Latino	93	0.07%	<5	0.15%	Non-Hispanic/Latino	1,682	1.36%	0	0%
Not Specified	27	0.02%	0	0%	Not Specified	21,128	17.04%	0	0%
American Indian/Alaskan Native	228	0.18%	0	0%	*Data Source: GA DPH, State Electronic Disease Surveillance System **Among patients with underlying conditions information available Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing. † Represents total confirmed and presumptive cases				
Hispanic/Latino	87	0.07%	0	0%					
Non-Hispanic/Latino	91	0.07%	0	0%					
Not Specified	50	0.04%	0	0%					

Epidemiology Overview of Newton County

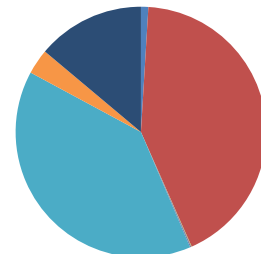
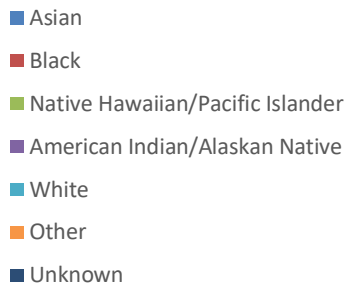


COVID-19 County Overview, data as of 1pm September 23, 2021

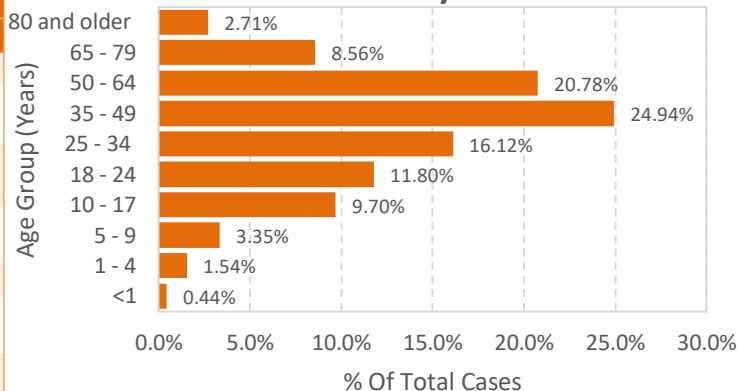
Provided here is a detailed look at the activities of the Epidemiology Program in Newton County, one of three counties represented in district 3-4. Newton county's population is 111,744 and makes up 9.8% of residents within the district.

In Newton County there has been a 2.1% increase in newly confirmed COVID-19 Cases between the week of 9/9/2021 – 9/16/2021 (N=15,001) and 9/16/2021 – 9/23/2021 (N=15,311).

Race Distribution of Cases in Newton County



Age Distribution of Cases in Newton County



COVID-19 Cases & Deaths*			
	Confirmed Cases	Presumptive Cases	Total Cases† Total Deaths‡ (%)
Outbreak	508	139	647 84 (13.0%)
Total	10,450	4,861	15,311 306 (2.0%)
Illness Characteristics*† N=15,311; n=306			
	Among all Cases		Among Deaths
Gender			
Female	8,529 (55.7%)		143 (46.7%)
Male	6,726 (43.9%)		163 (53.3%)
Median Age (years)	39		73
Age range (years)	0 – 100		21 – 98
Total Hospitalizations	1,020 (6.7%)		182 (59.5%)
Total with Underlying Conditions	2,218 (55.1%)**		167 (96.5%)**
Underlying Conditions unknown	11,289		133

Total Cases & Deaths by Race*† N =15,311; Total Deaths n=306

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	146	0.95%	<5	0.98%	White	6,016	39.29%	181	59.15%
Hispanic/Latino	<5	0.03%	0	0%	Hispanic/Latino	418	2.73%	5	1.63%
Non-Hispanic/ Latino	127	0.83%	<5	0.98%	Non-Hispanic/Latino	5,111	33.38%	176	57.52%
Not Specified	15	0.10%	0	0%	Not Specified	487	3.18%	0	0%
Black	6,494	42.41%	117	38.24%	Other	496	3.24%	<5	1.31%
Hispanic/Latino	93	0.61%	0	0%	Hispanic/Latino	166	1.08%	<5	0.98%
Non-Hispanic/Latino	5,841	38.15%	117	38.24%	Non-Hispanic/Latino	169	1.10%	<5	0.33%
Not Specified	560	3.66%	0	0%	Not Specified	161	1.05%	0	0%
Native Hawaiian/Pacific Islander	12	0.08%	0	0%	Unknown	2,127	13.89%	0	0%
Hispanic/Latino	<5	0.01%	0	0%	Hispanic/Latino	174	1.14%	0	0%
Non-Hispanic/Latino	10	0.07%	0	0%	Non-Hispanic/Latino	208	1.36%	0	0%
Not Specified	<5	0.01%	0	0%	Not Specified	1,745	11.40%	0	0%
American Indian/Alaskan Native	20	0.13%	<5	0.33%	*Data Source: GA DPH, State Electronic Disease Surveillance System **Among patients with underlying conditions information available Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing. † Represents total confirmed and presumptive cases				
Hispanic/Latino	0	0%	0	0%					
Non-Hispanic/Latino	12	0.08%	<5	0.33%					
Not Specified	8	0.05%	0	0%					

Confirmed cases are those tested using Molecular Tests (i.e. PCR). Presumptive Cases are those tested using Antigen Tests.

Epidemiology Overview of Rockdale County

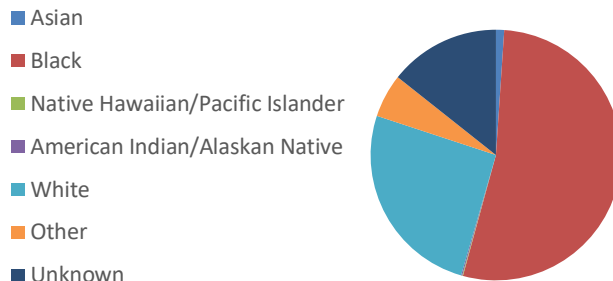


COVID-19 County Overview, data as of 1pm September 23, 2021

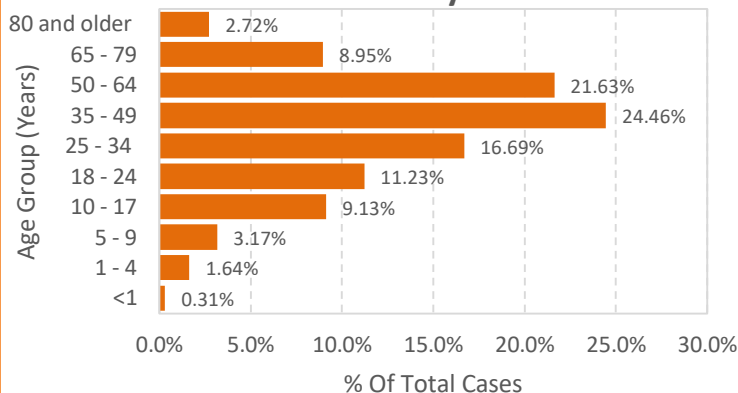
Provided here is a detailed look at the activities of the Epidemiology Program in Rockdale County, one of three counties represented in district 3-4. Rockdale county's population is 90, 896 and makes up 7.9% of residents within the district.

In Rockdale County there has been a 2.5% increase in newly confirmed COVID-19 Cases between the week of **9/9/2021 – 9/16/2021 (N=10,446)** and **9/16/2021 – 9/23/2021 (N=10,705)**.

Race Distribution of Cases in Rockdale County



Age Distribution of Cases in Rockdale County



COVID-19 Cases & Deaths*				
	Confirmed Cases	Presumptive Cases	Total Cases†	Total Deaths† (%)
Outbreak	401	84	485	49 (10.1%)
Total	8,409	2,296	10,705	207 (1.9%)
Illness Characteristics*† N=10,705; n=207				
	Among all Cases		Among Deaths	
Gender				
Female	6,048 (56.5%)		103 (49.8%)	
Male	4,612 (43.1%)		104 (50.2%)	
Median Age (years)	40		73	
Age range (years)	0 – 100		27 – 100	
Total Hospitalizations	1,234 (11.5%)		164 (79.2%)	
Total with Underlying Conditions	2,054 (61.2%)**		158 (96.9%)**	
Underlying Conditions unknown	7,347		44	

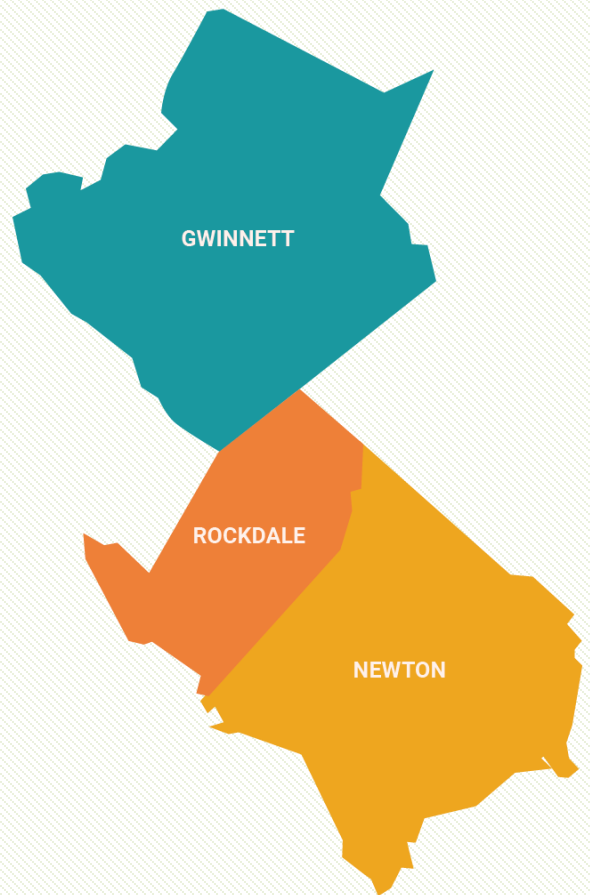
Total Cases & Deaths by Race*† N=10,705; Total Deaths n=207

	Total Cases	%	Deaths	%		Total Cases	%	Deaths	%
Asian	113	1.06%	<5	0.97%	White	2,737	25.57%	106	51.21%
Hispanic/Latino	0	0%	0	0%	Hispanic/Latino	450	4.20%	7	3.38%
Non-Hispanic/Latino	93	0.87%	<5	0.97%	Non-Hispanic/Latino	2,054	19.19%	99	47.83%
Not Specified	20	0.19%	0	0%	Not Specified	233	2.18%	0	0%
Black	5,694	53.19%	94	45.41%	Other	601	5.61%	<5	1.93%
Hispanic/Latino	89	0.83%	0	0%	Hispanic/Latino	300	2.80%	<5	1.93%
Non-Hispanic/Latino	5,095	47.59%	94	45.41%	Non-Hispanic/Latino	136	1.27%	0	0%
Not Specified	510	4.76%	0	0%	Not Specified	165	1.54%	0	0%
Native Hawaiian/Pacific Islander	10	0.09%	0	0%	Unknown	1,534	14.33%	0	0%
Hispanic/Latino	<5	0.01%	0	0%	Hispanic/Latino	196	1.83%	0	0%
Non-Hispanic/Latino	8	0.07%	0	0%	Non-Hispanic/Latino	152	1.42%	0	0%
Not Specified	<5	0.01%	0	0%	Not Specified	1,186	11.08%	0	0%
American Indian/Alaskan Native	16	0.15%	<5	0.48%	*Data Source: GA DPH, State Electronic Disease Surveillance System **Among patients with underlying conditions information available Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing. † Represents total confirmed and presumptive cases				
Hispanic/Latino	<5	0.02%	0	0%					
Non-Hispanic/Latino	10	0.09%	<5	0.48%					
Not Specified	<5	0.04%	0	0%					

Confirmed cases are those tested using Molecular Tests (i.e. PCR). Presumptive Cases are those tested using Antigen Tests.

Epidemiology Overview of COVID-19 Cases among Vaccinated Residents

**Data as of 8am September
23, 2021**



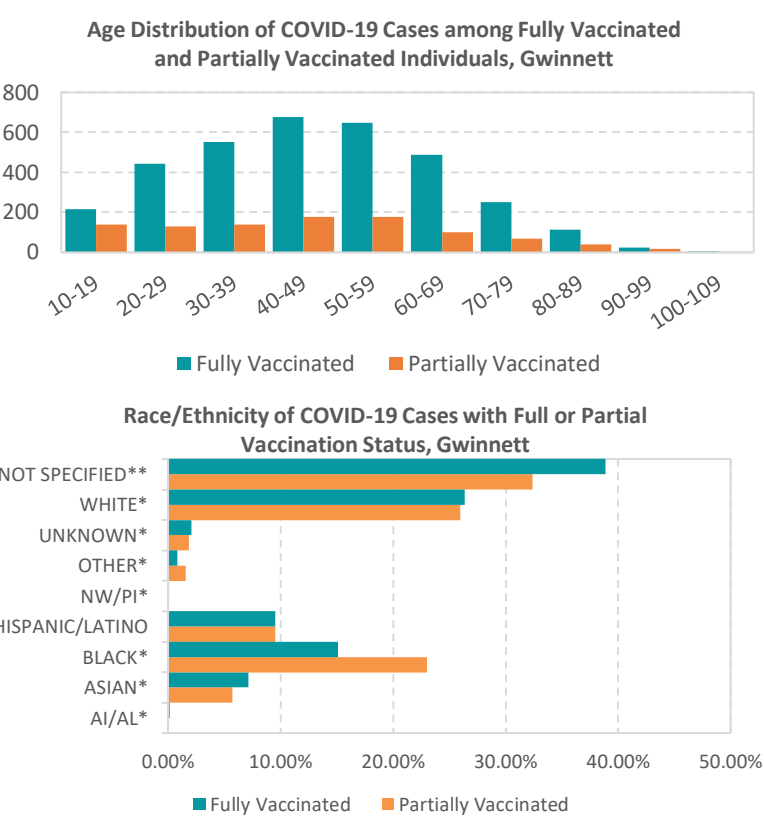
Gwinnett, Newton, & Rockdale County Health Departments



COVID-19 Cases among Vaccinated Gwinnett Residents, data as of 8am September 23, 2021

The data on this page examines the breakdown of COVID-19 cases among those who are fully vaccinated, partially vaccinated, and are not vaccinated. This data includes any confirmed or antigen positive cases with a positive specimen collection date after 12/31/2020.

For the purposes of this report **fully vaccinated** is defined as an individual that meets the criteria to be considered a breakthrough case of COVID-19. This means the individual had to receive one dose of a one-dose vaccine series, or two doses of a two-dose vaccination series at least 14 days prior to their positive test date, and not have another positive test result in the 90 days prior to their new positive. **Partially vaccinated** is defined as an individual who received some vaccine prior to their positive test date but did not meet the criteria to be considered fully vaccinated. These individuals could have received one dose of a two-dose series prior to their positive test date or received both doses of a two-dose series, or one dose of a single-dose series, but the last vaccine was less than 14 days prior to their positive test date. The individual could have also had another positive test less than 90 days prior to their post-vaccine positive. **Not vaccinated** indicates that the person has no vaccine data available in their record, or they have vaccine data from after their positive test result, meaning they were not vaccinated prior to their illness.



COVID-19 Cases & Deaths				
	Fully Vaccinated	Partially Vaccinated	Not Vaccinated	Total
Cases	3,415 (5.3%)	978 (1.5%)	59,611 (93.1%)	64,004
Deaths	9 (1.7%)	45 (8.4%)	479 (89.9%)	533
Illness Characteristics N=3,415 n=9				
Fully Vaccinated		Cases	Deaths	
Gender				
	Female	1,979 (58.0%)	<5 (44.4%)	
	Male	1,436 (42.1%)	5 (55.6%)	
Median Age (years)		47	80	
Age range (years)		12-101	49-95	
Range of days between last dose and test date		15-253	17-199	
Median of days between last dose and test date		126	64	
Outbreak related		98	<5	
Hospitalizations		95 (2.8%)	8 (88.9%)	
Illness Characteristics N=978 n=45				
Partially Vaccinated		Cases	Deaths	
Gender				
	Female	542 (55.4%)	22 (48.9%)	
	Male	436 (44.6%)	23 (51.1%)	
Median Age (years)		44	82	
Age range (years)		12-96	36-95	
Range of days between last dose and test date		0-268	2-192	
Median of days between last dose and symptom onset		12	11	
Outbreak related		36	6	
Hospitalizations		75 (7.7%)	32 (71.1%)	

Race	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
American Indian/Alaskan Native	12 (0.4%)	<5 (0.3%)	0 (0%)	0 (0%)
Asian	286 (8.4%)	60 (6.1%)	<5 (11.1%)	8 (17.8%)
Black	601 (17.6%)	272 (27.8%)	<5 (11.1%)	6 (13.3%)
Native Hawaiian/Pacific Islander	<5 (0.1%)	<5 (0.1%)	0 (0%)	0 (0%)
Other	191 (5.6%)	56 (5.7%)	0 (0%)	<5 (2.2%)
Unknown	1,169 (34.2%)	259 (26.5%)	0 (0%)	0 (0%)
White	1,153 (33.8%)	327 (33.4%)	7 (77.8%)	30 (66.7%)
Ethnicity	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
Hispanic/Latino	324 (9.5%)	93 (9.5%)	0 (0%)	<5 (2.2%)
Non-Hispanic/Latino	1,764 (51.7%)	568 (58.1%)	9 (100.0%)	44 (97.8%)
Not Specified	1,327 (38.9%)	317 (32.4%)	0 (0%)	0 (0%)

Hispanic Ethnicity on the Race/Ethnicity of COVID-19 Cases with Full or Partial vaccination Status indicates all races who identify as Hispanic/Latino Ethnicity.
*Races with non-Hispanic Ethnicity
**All races with not specified ethnicity
HW/PI = Native Hawaiian/Pacific Islander
AI/AL = American Indian/Alaskan Native

Source for data provided above: GA DPH, State Electronic Disease Surveillance System; Note: All data is provisional as data reporting, investigation, cleaning, and validation are ongoing

Gwinnett, Newton, & Rockdale County Health Departments

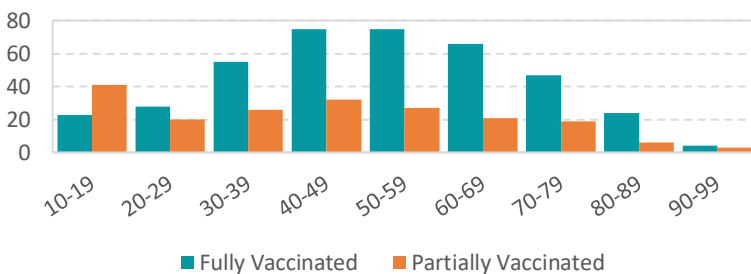


COVID-19 Cases among Vaccinated Newton Residents, data as of 8am September 23, 2021

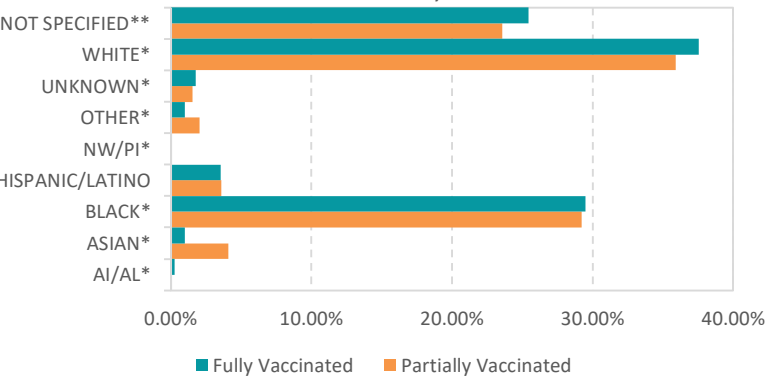
The data on this page examines the breakdown of COVID-19 cases among those who are fully vaccinated, partially vaccinated, and are not vaccinated. This data includes any confirmed or antigen positive cases with a positive specimen collection date after 12/31/2020.

For the purposes of this report **fully vaccinated** is defined as an individual that meets the criteria to be considered a breakthrough case of COVID-19. This means the individual had to receive one dose of a one-dose vaccine series, or two doses of a two-dose vaccination series at least 14 days prior to their positive test date, and not have another positive test result in the 90 days prior to their new positive. **Partially vaccinated** is defined as an individual who received some vaccine prior to their positive test date but did not meet the criteria to be considered fully vaccinated. These individuals could have received one dose of a two-dose series prior to their positive test date or received both doses of a two-dose series, or one dose of a single-dose series, but the last vaccine was less than 14 days prior to their positive test date. The individual could have also had another positive test less than 90 days prior to their post-vaccine positive. **Not vaccinated** indicates that the person has no vaccine data available in their record, or they have vaccine data from after their positive test result, meaning they were not vaccinated prior to their illness.

Age Distribution of COVID-19 Cases among Fully Vaccinated and Partially Vaccinated Individuals, Newton



Race/Ethnicity of COVID-19 Cases with Full or Partial Vaccination Status, Newton



COVID-19 Cases & Deaths

	Fully Vaccinated	Partially Vaccinated	Not Vaccinated	Total
Cases	397 (4.4%)	195 (2.2%)	8,468 (93.5%)	9,060
Deaths	<5 (3.2%)	7 (5.6%)	114 (91.2%)	125

Illness Characteristics N=397 n<5

Fully Vaccinated	Cases	Deaths
Gender		
Female	246 (62.0%)	<5 (75.0%)
Male	151 (38.0%)	<5 (25.0%)
Median Age (years)	51	66
Age range (years)	12-93	40 - 76
Range of days between last dose and symptom onset	15-237	33-122
Median of days between last dose and symptom onset	122	97
Outbreak related	9	0
Hospitalizations	28 (7.1%)	<5 (50.0%)

Illness Characteristics N=195 n= 7

Partially Vaccinated	Cases	Deaths
Gender		
Female	110 (56.4%)	5 (71.4%)
Male	85 (43.6%)	<5 (28.6%)
Median Age (years)	42	76
Age range (years)	12-94	56-93
Range of days between last dose and test date	0-223	9-153
Median of days between last dose and test date	10	11
Outbreak related	9	<5
Hospitalizations	29 (14.9%)	6 (85.7%)

Race	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
American Indian/Alaskan Native	<5 (0.3%)	0 (0%)	0 (0%)	0 (0%)
Asian	6 (1.5%)	8 (4.1%)	0(0%)	<5 (14.3%)
Black	133 (33.5%)	66 (33.9%)	<5 (25.0%)	<5 (57.1%)
Native Hawaiian/Pacific Islander	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Other	5 (1.3%)	7 (4.0%)	0 (0%)	0 (0%)
Unknown	86 (21.7%)	40 (20.5%)	0 (0%)	0 (0%)
White	166 (41.8%)	74 (38.0%)	<5(75.0%)	<5 (28.6%)
Ethnicity	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
Hispanic/Latino	14 (3.5%)	7 (3.6%)	0 (0%)	0 (0%)
Non-Hispanic/Latino	282 (71.0%)	142 (72.8%)	<5(100.0%)	7 (100.0%)
Not Specified	101 (25.4%)	46 (23.6%)	0 (0%)	0 (0%)

Hispanic Ethnicity on the Race/Ethnicity of COVID-19 Cases with Full or Partial vaccination Status indicates all races who identify as Hispanic/Latino Ethnicity.

*Races with non-Hispanic Ethnicity

**All races with not specified ethnicity

HW/PI = Native Hawaiian/Pacific Islander

AI/AL = American Indian/Alaskan Native

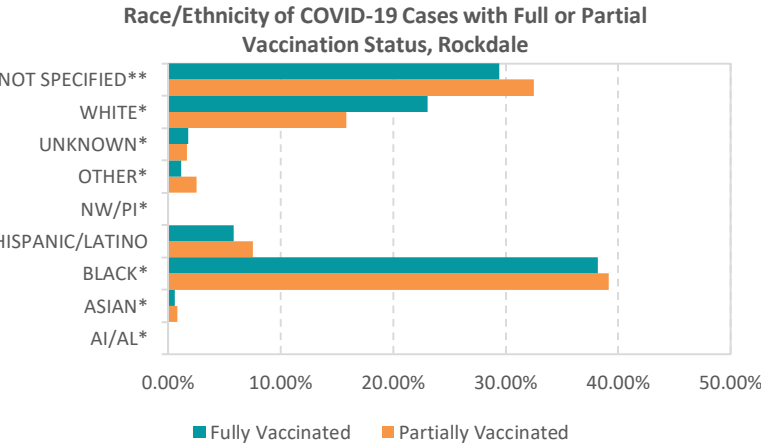
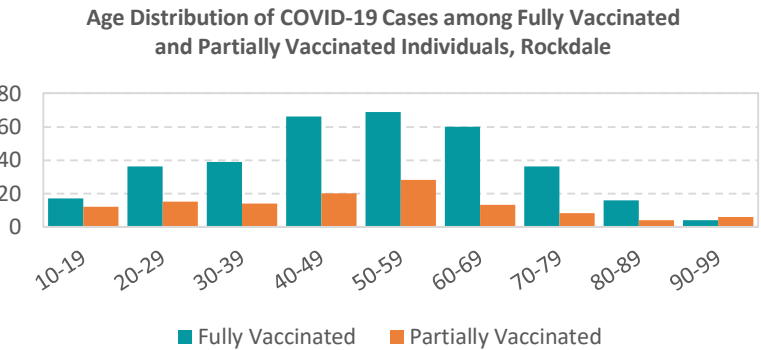
Gwinnett, Newton, & Rockdale County Health Departments



COVID-19 Cases among Vaccinated Rockdale Residents, data as of 8am September 23, 2021

The data on this page examines the breakdown of COVID-19 cases among those who are fully vaccinated, partially vaccinated, and are not vaccinated. This data includes any confirmed or antigen positive cases with a positive specimen collection date after 12/31/2020.

For the purposes of this report **fully vaccinated** is defined as an individual that meets the criteria to be considered a breakthrough case of COVID-19. This means the individual had to receive one dose of a one-dose vaccine series, or two doses of a two-dose vaccination series at least 14 days prior to their positive test date, and not have another positive test result in the 90 days prior to their new positive. **Partially vaccinated** is defined as an individual who received some vaccine prior to their positive test date but did not meet the criteria to be considered fully vaccinated. These individuals could have received one dose of a two-dose series prior to their positive test date or received both doses of a two-dose series, or one dose of a single-dose series, but the last vaccine was less than 14 days prior to their positive test date. The individual could have also had another positive test less than 90 days prior to their post-vaccine positive. **Not vaccinated** indicates that the person has no vaccine data available in their record, or they have vaccine data from after their positive test result, meaning they were not vaccinated prior to their illness.



Race	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
American Indian/Alaskan Native	<5 (0.6%)	0 (0%)	0 (0%)	0 (0%)
Asian	<5 (0.6%)	<5 (0.8%)	0 (0%)	<5 (11.1%)
Black	152 (44.3%)	61 (50.8%)	<5 (40.0%)	<5 (33.3%)
Native Hawaiian/Pacific Islander	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Other	14 (4.1%)	10 (8.3%)	0 (0%)	0(0%)
Unknown	80 (23.3%)	25 (20.8%)	0 (0%)	0 (0%)
White	93 (27.1%)	23 (19.2%)	<5 (60.0%)	5 (55.6%)

Ethnicity	Fully Vaccinated Cases	Partially Vaccinated Cases	Fully Vaccinated Deaths	Partially Vaccinated Deaths
Hispanic/Latino	20 (5.8%)	9 (7.5%)	<5 (20.0%)	0 (0%)
Non-Hispanic/Latino	222 (64.7%)	72 (60.0%)	<5 (80.0%)	9 (100.0%)
Not Specified	101 (29.5%)	39 (32.5%)	0 (0%)	0 (0%)

COVID-19 Cases & Deaths			
	Fully Vaccinated	Partially Vaccinated	Not Vaccinated
Cases	343 (5.3%)	120 (1.9%)	5,970 (92.8%)
Deaths	5 (6.0%)	9 (10.8%)	69 (83.1%)

Illness Characteristics N=343 n<5		
Fully Vaccinated	Cases	Deaths
Gender		
Female	221 (64.4%)	<5 (80.0%)
Male	122 (35.6%)	<5 (20.0%)
Median Age (years)	51	63
Age range (years)	14-92	58-90
Range of days between last dose and symptom onset	15-236	103-157
Median of days between last dose and symptom onset	128	120
Outbreak related	6	0
Hospitalizations	33 (9.6%)	<5 (80.0%)

Illness Characteristics N=120 n=9		
Partially Vaccinated	Cases	Deaths
Gender		
Female	67 (55.8%)	5 (55.6%)
Male	53 (44.2%)	<5 (44.4%)
Median Age (years)	49	91
Age range (years)	12-99	61-99
Range of days between last dose and symptom onset	1-260	3-147
Median of days between last dose and symptom onset	11	14
Outbreak related	12	5
Hospitalizations	22 (18.3%)	6 (66.7%)

Hispanic Ethnicity on the Race/Ethnicity of COVID-19 Cases with Full or Partial vaccination Status indicates all races who identify as Hispanic/Latino Ethnicity.
*Races with non-Hispanic Ethnicity
**All races with not specified ethnicity
HW/PI = Native Hawaiian/Pacific Islander
AI/AL = American Indian/Alaskan Native

Source for data provided above: GA DPH, State Electronic Disease Surveillance System; Note: All data is provisional as data reporting, investigation, cleaning, and validating is ongoing